GREENPORT

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EASY Glass/Glass

Solar carport with pre-assembled module carriers with double-glazed modules

Bifacial double-glazed modules from Austria, approved for overhead installation. Up to 30 % additional yield, 15 % light transmission and a visually sophisticated design

Average PV output of approx. 2,7 kWp per parking space

Simple and quick installation and commissioning thanks to industrially pre-assembled module carriers and components

Designed for existing and new parking spaces

No need to glue and seal the PV modules on construction site

Minor intervention in the existing ceiling using screw foundations

Up to three parking spaces between the pillars and cantilevered roofing of the peripheral parking spaces

Barrier-free design

Optionally with lighting, motion detector, inverter, charging station or mounting board for IN and CS

Stylish and smart parking
- with GREENPORT EASY

GREENPORT - a brand of GREENoneTEC 1 SOLAR INDUSTRY

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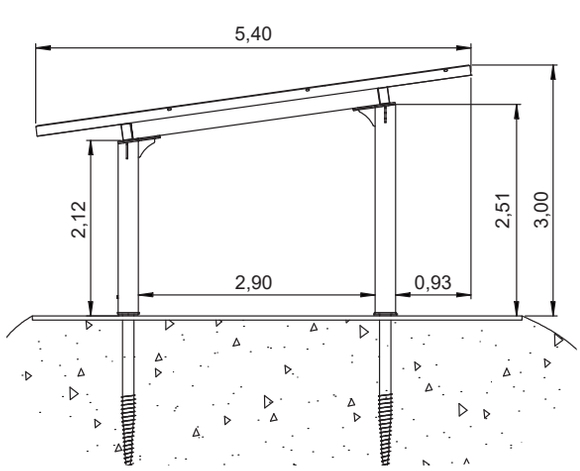
Model	GREENPORT EASY Glass/Glass
Roof covering	by means of DIBt-certified, bifacial double-glazed modules, pre-assembled on a module carrier
Steel construction	according to EN 1090 - 1, EXC 2, assessment group C, incl. CE certificate
Corrosion protection	galvanized and painted according to DIN EN ISO 12944/2018 in C3H, defoult colour RAL 7016, other RAL colors on request
Projected depth of roof area	5,40 m, with roof gutter 5,50 m
Clearance height	2,10 m, optionally increaseable to 2,60 m
Clearance height alley side	2,80 m, optionally increaseable to 3,30 m
Width of parking space	2,50 up to 2,62 m at three car parking spaces between two support levels
Pillar dimensions front/rear	hollow profile with 150 x 250 mm
Foundation	screw foundations made of galvanized steel, mounted according DIN EN 12699/2015, installation depth approx. 2,00 m, respectively deeper in case of unfavourable soil conditions, alternatively with point foundations
Electrical piping	aluminium tubes ø 32 mm, mounted to steel construction and painted in the colour of the carport
Snow load	up to 2,0 kN/m² with the same visual appearance
Drainage (optional)	by means of aluminum roof gutter system, hanging gutter 333 and downpipe ø 100 mm, powder-coated in 02 anthracite (similar to RAL 7016) or 07 light grey (similar to RAL 7005)
Lighting (optional)	by means of light strips made of black anodized aluminum, with LED spots and integrated power supply, light color 3,000 K, inclusive electrical and mounting material
Roof covering	**Industrially prefabricated, ready-to-install PV module supports**
PV output per parking space	approx. 2,7 kWp
Number of modules	6 pcs. PV modules per module carrier
Roof pitch	8 degrees
Dimensions (W x H x D)	2420 x 5358 x 130 mm
Weight	approx. 325 kg
Light transmission	15 %
PV module	**DIBt-certified, bifacial PV double-glazed module without frame**
Power per PV module	420 Wp
Efficiency	20,41 %
Dimensions (W x H x D)	1766 x 1165 x 7 mm, Glass thickness 2 x 3 mm
Weight	30,0 kg
Applicable standards	Conformity to IEC 61215 and IEC 61730; IP 65; DIBt Z-70.3-266; hail resistance class HW4



Dimensions [m]

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